

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	32	automatic\$4 with album same (email\$4 e-mail\$4 "electronic mail")	US-PGPUB; USPAT	OR	ON	2007/10/25 10:20
S2	24	automatic\$4 with album same (email\$4 e-mail\$4 "electronic mail") and (@ad<"20031112" @rlad<"20031112")	US-PGPUB; USPAT	OR	ON	2007/10/25 10:21
S3	3	automatic\$4 with album with (insert\$4 add\$4) same (e-mail\$4 email\$4)	US-PGPUB; USPAT	OR	ON	2007/10/15 14:16
S4	27	automatic\$4 same album with (insert\$4 add\$4) same (e-mail\$4 email\$4) not S3	US-PGPUB; USPAT	OR	ON	2007/10/16 06:50
S5	15	automatic\$4 same album with (insert\$4 add\$4) same (e-mail\$4 email\$4) not S3 and (@ad<"20031112" @rlad<"20031112")	US-PGPUB; USPAT	OR	ON	2007/10/15 14:24
S6	67	automatic\$4 with (insert\$4 add\$4 populat\$4) with album	US-PGPUB; USPAT	OR	ON	2007/10/16 06:51
S7	43	automatic\$4 with (insert\$4 add\$4 populat\$4) with album and (@ad<"20031112" @rlad<"20031112")	US-PGPUB; USPAT	OR	ON	2007/10/16 07:13
S8	90	automatic\$4 with (insert\$4 add\$4 populat\$4) same album and (@ad<"20031112" @rlad<"20031112")	US-PGPUB; USPAT	OR	ON	2007/10/16 07:13
S9	47	automatic\$4 with (insert\$4 add\$4 populat\$4) same album and (@ad<"20031112" @rlad<"20031112") not S7	US-PGPUB; USPAT	OR	ON	2007/10/16 07:13
S10	0	709/206.ccls. and automatic\$4 with (insert\$4 add\$4 populat\$4) same album and (@ad<"20031112" @rlad<"20031112") not S7	US-PGPUB; USPAT	OR	ON	2007/10/16 11:00
S11	11	709/206.ccls. and (transmit\$4 shar\$4) with (photo picture) same album	US-PGPUB; USPAT	OR	ON	2007/10/22 07:06
S12	2	"20040201709"	US-PGPUB; USPAT	OR	ON	2007/10/16 11:14
S13	10	709/206.ccls. and (transmit\$4 shar\$4) with (photo picture) same album and (@ad<"20031112" @rlad<"20031112")	US-PGPUB; USPAT	OR	ON	2007/10/22 07:14

EAST Search History

S15	8	709/206.ccls. and (populat\$4 updat\$4 stor\$4) with album and (@ad<"20031112" @rlad<"20031112")	US-PGPUB; USPAT	OR	ON	2007/10/22 07:14
S16	4	709/206.ccls. and (populat\$4 updat\$4 stor\$4) with album and (@ad<"20031112" @rlad<"20031112") not S13	US-PGPUB; USPAT	OR	ON	2007/10/23 15:32
S17	2132	(populat\$4 updat\$4 stor\$4) with album and (@ad<"20031112" @rlad<"20031112") not S13	US-PGPUB; USPAT	OR	ON	2007/10/22 07:21
S18	238	automatic\$5 same (populat\$4 updat\$4 stor\$4) with album and (@ad<"20031112" @rlad<"20031112")	US-PGPUB; USPAT	OR	ON	2007/10/22 07:22
S19	74	automatic\$5 same (populat\$4 updat\$4 stor\$4) with album same (photo\$5 picture) and (@ad<"20031112" @rlad<"20031112")	US-PGPUB; USPAT	OR	ON	2007/10/22 07:22
S20	79	automatic\$5 same (populat\$4 updat\$4 stor\$4) with album same (photo\$6 picture) and (@ad<"20031112" @rlad<"20031112")	US-PGPUB; USPAT	OR	ON	2007/10/22 07:22
S21	48	709/206.ccls. and attachment with filter	US-PGPUB; USPAT	OR	ON	2007/10/23 15:32
S22	21	(photo\$6 picture image) same attachment with filter same (email\$4 e-mail\$4 "electronic mail")	US-PGPUB; USPAT	OR	ON	2007/10/24 09:39
S23	160	(photo\$6 picture image) same attachment with download\$4 same (email\$4 e-mail\$4 "electronic mail")	US-PGPUB; USPAT	OR	ON	2007/10/24 10:29
S24	8	(photo\$6 picture image) same attachment with automatic\$6 with download\$4 same (email\$4 e-mail\$4 "electronic mail")	US-PGPUB; USPAT	OR	ON	2007/10/24 10:41
S25	13	709/206.ccls. and (photo picture image) with attachment same identifier	US-PGPUB; USPAT	OR	ON	2007/10/24 10:50
S26	20	709/206.ccls. and (photo picture image) with attachment same download\$4	US-PGPUB; USPAT	OR	ON	2007/10/24 10:55
S27	1	"20040153517"	US-PGPUB; USPAT	OR	ON	2007/10/25 10:21
S28	2	"20040201709"	US-PGPUB; USPAT	OR	ON	2007/10/25 10:21

File 347:JAPIO Dec 1976-2007/Jun(Updated 070926)

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File 350:Derwent WPIX 1963-2007/UD=200767

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Set	Items	Description
S1	8175	EMAIL? OR WEBMAIL? OR EMESSAG? OR ECORRESPOND? OR PICTUREMAIL? OR PHOTOMAIL? OR FOTOMAIL? OR VIDEOMAIL? OR HOTMAIL?
S2	286729	MAIL OR MESSAGE? ? OR CORRESPONDENCE? ?
S3	42501	(E OR ELECTRONIC OR WEB OR VIRTUAL OR CYBER OR DIGITIS?? OR DIGITIZ?? OR DIGITAL OR COMPUTER OR COMPUTERIS?? OR COMPUTERIZ???) S2
S4	1375230	PHOTOGRAPH?? OR PHOTO? ? OR PICTURE? ? OR VIDEO? ? OR PICTORIAL? OR PIX OR PIC OR PICS OR VIDEOIMAGE?
S5	6016164	IMAGE? ? OR GRAPHIC?? OR DRAWING? ? OR ILLUSTRATION? ?
S6	689791	AUDIOVISUAL? OR AUDIO? ? OR AV OR MULTIMEDIA? OR MEDIA OR - POLYMEDIA OR AUDIOVIDEO? OR SOUND OR MPEG OR MPG OR MP3 OR SONG? ? OR MUSIC??
S7	41957	TUNE OR TUNES OR JPG OR JPEG OR AUDIODATA OR VIDEODATA OR - MUSICVIDEO?
S8	57	MEDIAFILE? OR IMAGEFILE? OR SONGFILE? OR AUDIOFILE? OR SOUNDFILE? OR MUSICFILE? OR VIDEOFILE? OR VIDEOCLIP? OR FILMCLIP? OR AVFILE?
S9	348650	S4:S8(5N)(SEND??? OR SENT OR TRANSMIT? OR TRANSMISSION? ? - OR TRANSFER??? OR TRANSFERR??? OR XFER? OR RELOCAT? OR REDIRECT? OR REROUT??? OR RE()DIRECT??? OR ROUT???)
S10	214800	S4:S8(5N)(FILTER??? OR FILTR? OR SCREEN? OR MONITOR? OR SNIFF??? OR SNOOP?)
S11	410301	S4:S8(5N)(MOVE? ? OR MOVING OR INSERT????? OR STORE? ? OR - STORING OR STORAGE OR FILE? ? OR FILING OR DEPOSIT??? OR FORWARD???)
S12	210867	ALBUM? OR FOLDER? OR PHOTOALBUM? OR FILE OR FILES OR SMARTFOLDER? OR SUBFOLDER?
S13	45638	S9:S11(30N)S12
S14	4504	S13 AND S1:S2
S15	344184	S4:S8(5N)(DETECT???? OR DISCERN? OR DETERMIN? OR DET? ? OR CHECK? OR CHEQU? OR FIND??? OR FOUND OR LOOK??? OR DISCRIMINAT? OR EXAMIN??? OR EXAMINATION)
S16	141245	S4:S8(5N)(OBSERV??? OR OBSERVATION? ? OR IDENTIFY? OR IDENTIFIC? OR IDENTIFIE?? OR RECOGNIT? OR RECOGNIZ? OR RECOGNIS? - OR ASCERTAIN? OR INSPECT?)
S17	43512	S9:S11(10N)S12
S18	4261	S17 AND S1:S2
S19	816	S18 AND S15:S16
S20	308	S19 AND S4
S21	37870	ALBUM? OR FOLDER? OR PHOTOALBUM? OR SMARTFOLDER? OR SUBFOLDER?
S22	18	S20 AND S21
S23	25487	S9:S11(5N)(AUTOMATIC? OR SMART OR TRANSPAREN? OR DYNAMIC? - OR INDEPENDENT? OR INSTANT? OR FLY OR AUTONOMOUS?)
S24	425	S9:S11(5N)(INTELLIGENT? OR INTUIT? OR BEHIND(1W)SCENE? ?)
S25	97	S19 AND S23:S24
S26	56	S25 AND PY=1963:2003
S27	57	S25 AND AY=1963:2003 AND AC=US
S28	72	S26:S27 NOT S22
S29	56	S28 AND (MAIL OR MESSAGE?)
S30	124867	S9:S11(5N)(ATTACH??? OR ATTACHMENT? ? OR EMBED? OR IMBED? - OR INCLUD? OR INCLUSION? OR INCORPORAT? OR CONTAIN???)
S31	1319	S9:S11(5N)(APPEND? ? OR APPENDED OR APPENDING OR ENCLOS? OR INCLOS?)
S32	137	S20 AND S30:S31
S33	2840	S9:S11(30N)S21
S34	220	S33 AND S1:S2
S35	82	S34 AND S30:S31

S36 74 S35 NOT (S22 OR S29)
S37 30 S36 AND PY=1963:2003
S38 27 S36 AND AY=1963:2003 AND AC=US
S39 40 S37:S38
? t39/69,k/16,19,24

39/69, k/16 (Item 14 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0013408327 - Drawing available
WPI ACC NO: 2003-498680/ 200347

XRPX ACC No: N2003-396511

Digital image storage device for personal computer, stores e-mail and digital image received using e-mail receiver, in reception mail folder and image storage portion, respectively

Patent Assignee: NIKON CORP (NIKR); NIKON GIJUTSU KONO K.K. (NIKO-N)

Inventor: NOMOTO T

Patent Family (1 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
JP 2003114854	A	20030418	JP 2001307216	A	20011003	200347 B

Priority Applications (no., kind, date): JP 2001307216 A 20011003

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
JP 2003114854	A	JA	11	13	

Alerting Abstract JP A
NOVELTY - An e-mail receiver receives an e-mail along with the digital images, and stores the e-mail in a reception mail folder. An image management portion stores the received digital images on an image storage portion.

DESCRIPTION - An INDEPENDENT CLAIM is also included for e-mail preparation device.

USE - Used for storing digital images in personal computer.
ADVANTAGE - Large number of digital images are stored in PC, and the desired image is easily searched and retrieved.

DESCRIPTION OF DRAWINGS - The figure shows the block diagram of the digital image storage device. (Drawing includes non-English language text).

Title Terms/Index Terms/Additional Words: DIGITAL; IMAGE; STORAGE; DEVICE; PERSON; COMPUTER; MAIL ; RECEIVE; RECEPTION; FOLDER; PORTION; RESPECTIVE

Class Codes

International Classification (Main): G06F-013/00
(Additional/Secondary): G06F-017/30, G06T-001/00, H04N-001/21

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J05B2; T01-J05B2A; T01-N01C

Digital image storage device for personal computer, stores e-mail and digital image received using e-mail receiver, in reception mail folder and image storage portion, respectively

Alerting Abstract ...NOVELTY - An e-mail receiver receives an e-mail along with the digital images, and stores the e-mail in a reception mail folder. An image management portion stores the received digital images on an image storage portion. DESCRIPTION - An INDEPENDENT CLAIM is also included for e-mail preparation device...

...DESCRIPTION OF DRAWINGS - The figure shows the block diagram of the digital image storage device. (Drawing includes non-English

language text).

Title Terms.../Index Terms/Additional words: MAIL ;

...

39/69, K/19 (Item 17 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0013338644 - Drawing available
WPI ACC NO: 2003-426242/ 200340
XRXPX Acc No: N2003-340560

Electronic album generation program processes storage of attachment
image data extracted from electronic mail based on analysis of text/code
describing image attribute

Patent Assignee: ICK TECHNO KK (ICKT-N); ITO TADASHI KENZAI KK (ITOT-N)
Inventor: SUGIE H

Patent Family (1 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
JP 2003141031	A	20030516	JP 2001339353	A	20011105	200340 B

Priority Applications (no., kind, date): JP 2001339353 A 20011105

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
JP 2003141031	A	JA	15	17	

Alerting Abstract JP. A

NOVELTY - The program processes extraction of image data (20) attached to
an electronic mail (30) and the storage of the extracted image in a
specific memory area, based on the analysis of a predetermined text/code
describing an attribute of the image.

DESCRIPTION - An INDEPENDENT CLAIM is also included for electronic album
generation method.

USE - For generating electronic album of images attached to electronic
mail in computer, personal digital assistant (PDA) and digital camera with
mailing facility.

ADVANTAGE - Enables to quickly generate an electronic album automatically
based on attribute code/text of the image.

DESCRIPTION OF DRAWINGS - The figure shows the schematic block diagram of
the album management site. (Drawing includes non-English language text).

- 1 album management site
- 3 mail server
- 20 image data
- 30 electronic mail
- 41 image management application

Title Terms/Index Terms/Additional words: ELECTRONIC; ALBUM; GENERATE;
PROGRAM; PROCESS; STORAGE; ATTACH; IMAGE; DATA; EXTRACT; MAIL ; BASED;
ANALYSE; TEXT; CODE; DESCRIBE; ATTRIBUTE

Class Codes

International Classification (Main): G06F-013/00
(Additional/Secondary): G06F-017/60

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-H

Electronic album generation program processes storage of attachment
image data extracted from electronic mail based on analysis of text/code
describing image attribute

Alerting Abstract ...NOVELTY - The program processes extraction of image data (20) attached to an electronic mail (30) and the storage of the extracted image in a specific memory area, based on...
...USE - For generating electronic album of images attached to electronic mail in computer, personal digital assistant (PDA) and digital camera with mailing facility...

...3 mail server...

...30 electronic mail

Title Terms.../Index Terms/Additional Words: MAIL ;

...

39/69, K/24 (Item 22 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0012730358 - Drawing available
WPI ACC NO: 2002-582671/ 200262
XRXPX Acc No: N2002-462057

Secure electronic distribution method for personal computer, involves installing attached media files on storage component of recipient computer and saving to disable subsequent installation

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: ADIANO C A; HURD J J; KNIGHT M T

Patent Family (1 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 20020073312	A1	20020613	US 2000733737	A	20001208	200262 B

Priority Applications (no., kind, date): US 2000733737 A 20001208

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20020073312	A1	EN	14	10	

Alerting Abstract US A1
NOVELTY - Software media files are send to a recipient computer by appending the files as an attachment to an electronic mail message. The message is opened in a mail folder and the files are installed on a storage component of the recipient. The files are marked and saved to disable a subsequent installation.

DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

1. Distributed application enabling method;
2. Computer readable medium containing computer program product for secure electronic distribution;
3. Secure electronic distribution system; and
4. Client device.

USE - For securing electronic distribution for personal computer, laptop, etc.

ADVANTAGE - The users can access the mail database simultaneously and the user can send, receive, forward, delete, read, and answer the messages, thereby enabling the users and others in the organization to access the information centrally and share it effectively.

DESCRIPTION OF DRAWINGS - The figure shows a flowchart illustrating the processing logic for enabling software application.

Title Terms/Index Terms/Additional Words: SECURE; ELECTRONIC; DISTRIBUTE; METHOD; PERSON; COMPUTER; INSTALLATION; ATTACH; MEDIUM; FILE; STORAGE; COMPONENT; RECIPIENT; SAVE; DISABLE; SUBSEQUENT

Class Codes

International Classification (Main): H04L-009/00
US Classification, Issued: 713165000

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-N01C; T01-N01D1; T01-N02B1; T01-S03

Secure electronic distribution method for personal computer, involves installing attached media files on storage component of recipient computer and saving to disable subsequent installation

Alerting Abstract ...NOVELTY - Software media files are send to a recipient computer by appending the files as an attachment to an electronic mail message . The message is opened in a mail folder and the files are installed on a storage component of the recipient. The files are...

...ADVANTAGE - The users can access the mail database simultaneously and the user can send, receive, forward, delete , read, and answer the messages , thereby enabling the users and others in the organization to access the information centrally and share it effectively...

Original Publication Data by Authority

Original Abstracts:

Secure software distribution is initiated by sending software media files to a recipient machine as an attachment to an electronic mail message. The software media files include an installation script that copies the program files and creates the icons necessary to run the application. The recipient opens the electronic mail message in his mail folder and clicks on an installation button to activate execution of the installation script. After successful completion of the installation...

...Marking of the installation script as "used" also disables the forwarding mechanism of the electronic mail software to prevent the user from accessing a second copy of the software. When the recipient saves the electronic mail message , the "used" flag is set and the script can continue. The installation script stores the encrypted hard drive serial...

Claims:

...1. A method for the secure electronic distribution of software media files using an electronic mail application as a delivery mechanism, comprising the acts of: sending the software media files to a recipient computer by appending the media files as an attachment to an electronic mail message; opening the electronic mail message in the mail folder of the recipient; installing the attached media files on a storage component of the recipient computer; and marking the media files as used and saved to disable a subsequent installation.

Basic Derwent Week: 200262

22/69/8 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0015084006 - Drawing available
WPI ACC NO: 2005-433462/200544
XRPX Acc No: N2005-351669

Streamlined photo distribution system in electronic network, automatically creates photo message with photo data and photo identifier to request special handling of photo data, and transmits photo message over network to target device

Patent Assignee: NASON B (NASO-I); SONY COMPUTER ENTERTAINMENT INC (SONY); TU E A (TUEA-I)

Inventor: NASON B; TU E A

Patent Family (2 patents, 106 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 20050114459	A1	20050526	US 2003706157	A	20031112	200544 B
WO 2005050516	A1	20050602	WO 2004US36400	A	20041103	200544 E

Priority Applications (no., kind, date): US 2003706157 A 20031112

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20050114459	A1	EN	22	10	
WO 2005050516	A1	EN			

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Regional Designated States,Original: AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IS IT KE LS LU MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW

Alerting Abstract US A1

NOVELTY - A photo source device utilizing a source mail program, automatically creates photo message with photo data and photo identifier to request special handling of the photo data, and transmits photo message over network to a designated target device. The target device utilizing a target mail program, downloads the message and detects the photo identifier to view of the photo data, and stores the data in the album .

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

1. streamlined photo distribution method ; and
2. computer readable medium storing streamlined photo distribution program.

USE - For distributing streamlined photo captured using camcorder, digital camera, webcam device or cell phone with camera in electronic network such as internet.

ADVANTAGE - Enables performing streamlined photo distribution effectively.

DESCRIPTION OF DRAWINGS - The figure shows a flowchart explaining photo message transmission process.

Title Terms/Index Terms/Additional Words: STREAMLINED; PHOTO ; DISTRIBUTE; SYSTEM; ELECTRONIC; NETWORK; AUTOMATIC; MESSAGE ; DATA; IDENTIFY; REQUEST; SPECIAL; HANDLE; TRANSMIT; TARGET; DEVICE

Class Codes

International Classification (Main): G06F-015/16, G06F-017/60
US Classification, Issued: 709207000

File Segment: EPI;
DWPI Class: T01; w02; w04
Manual Codes (EPI/S-X): T01-N01D1B; T01-S03; w02-F07M5; w04-K; w04-M01D8

? t29/5,k/6,19,23,33,35

29/5,k/6 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0016669285 - Drawing available
WPI ACC NO: 2007-384370/ 200736
XRPX Acc No: N2007-287529

E-mail image attaching method for smart printer involves returning completed image files back to JVM firmware which repackages each image file type as e-mail MIME encoded image attachment, and returns images back to originator

Patent Assignee: LESTER S (LEST-I); SFAELOS J (SFAE-I)

Patent Family (1 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
RD 472070	A	20030810	RD 2003472070	A	20030810	200736 B

Priority Applications (no., kind, date): RD 2003472070 A 20030810

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
RD 472070	A	EN	3	1	

Alerting Abstract RD A

NOVELTY - Network printers receives print jobs from customers via e-mail and delivers e-mail to JVM firmware that reads MIME encoding, determines attachment image and redirects file to correct printer page description language (PDL) for processing and rendering to desired image files. The PDL returns completed image files back to JVM firmware, which repackages each image file as e-mail MIME encoded image attachments, and returns images back to originator.

USE - For smart printer with Embedded Web Service (EWS) and Java Virtual Machine (JVM).

ADVANTAGE - Enables customers of network printers with EWS and JVM to send print jobs composed of e-mail attachments across firewalls to network printers with e-mail subject line and main body instructions and to direct each e-mail job attachment to the correct printer PDL for rendering into images and then to either print and deliver finished paper output or to repackage the rendered images as e-mail image attachments sent back to the originator for proofing with the instructions for selecting the image attachment for final printing and billing.

DESCRIPTION OF DRAWINGS - The figure shows the flowchart of the e-mail attaching method for smart printer.

Title Terms/Index Terms/Additional Words: MAIL ; IMAGE; ATTACH; METHOD; SMART; PRINT; RETURN; COMPLETE; FILE; BACK; FIRMWARE; TYPE; ENCODE

Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

H04L S I F R 20060101

File Segment: EPI;

DWPI Class: T01; W01

Manual Codes (EPI/S-X): T01-C05A1; T01-F01B1; T01-F07; T01-J10D; T01-N01C; T01-N01D1B; T01-N02B1D; T01-N03B1; T01-N03B2; W01-A03B; W01-A06F3; W01-A06G2

E-mail image attaching method for smart printer involves returning completed image files back to JVM firmware which repackages each image file type as e-mail MIME encoded image attachment, and returns images back to originator

Alerting Abstract ...NOVELTY - Network printers receives print jobs from

customers via e-mail and delivers e-mail to JVM firmware that reads MIME encoding, determines attachment image and redirects file to correct printer page description language (PDL) for processing and rendering to desired image files. The PDL returns completed image files back to JVM firmware, which repackages each image file as e-mail MIME encoded image attachments, and returns images back to originator....customers of network printers with EWS and JVM to send print jobs composed of e-mail attachments across firewalls to network printers with e-mail subject line and main body instructions and to direct each e-mail job attachment to the correct printer PDL for rendering into images and then to either print and deliver finished paper output or to repackage the rendered images as e-mail image attachments sent back to the originator for proofing with the instructions for selecting the...

...DESCRIPTION OF DRAWINGS - The figure shows the flowchart of the e-mail attaching method for smart printer.

Title Terms/Index Terms/Additional words: MAIL ;

Basic Derwent Week: 200736 ...

29/5, K/19 (Item 15 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0014263588 - Drawing available
WPI ACC NO: 2004-449926/200442

Related WPI Acc No: 2004-432018; 2004-441021; 2004-449935; 2004-668831;
2004-697363; 2004-748453; 2005-162599; 2005-488272

XRXPX Acc No: N2004-356067

Communicated multimedia object e.g. picture image saving method, involves saving embedded/attached multimedia object separated from electronic message to repository, and enabling user to select object from repository for use

Patent Assignee: AMERICA ONLINE INC (AMON-N); APPELMAN B (APPE-I); GANG D (GANG-I)

Inventor: APPELMAN B; GANG D

Patent Family (3 patents, 104 countries)

Patent Number	Kind	Date	Number	Kind	Date	Update
WO 2004046949	A1	20040603	WO 2003US36798	A	20031118	200442 B
US 20040153517	A1	20040805	US 2002426806	P	20021118	200452 E
			US 2002427957	P	20021121	
			US 2003488376	P	20030721	
			US 2003488749	P	20030722	
			US 2003715210	A	20031118	
AU 2003291043	A1	20040615	AU 2003291043	A	20031118	200470 E

Priority Applications (no., kind, date): US 2003715210 A 20031118; US 2003488376 P 20030721; US 2002427957 P 20021121; US 2002426806 P 20021118; US 2003488749 P 20030722

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2004046949	A1	EN	30	5	

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY
BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID
IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ
NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA
UG US UZ VC VN YU ZA ZM ZW

Regional Designated States,Original: AT BE BG BW CH CY CZ DE DK EA EE ES
FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL
SZ TR TZ UG ZM ZW

US 20040153517 A1 EN

Related to Provisional US 2002426806
Related to Provisional US 2002427957

AU 2003291043 A1 EN

Related to Provisional US 2003488376
Related to Provisional US 2003488749
Based on OPI patent WO 2004046949

Alerting Abstract WO A1

NOVELTY - The method involves identifying an embedded multimedia object or an attached multimedia object in response to a sent electronic message and a received electronic message. The embedded multimedia object or the attached multimedia object is separated from the message. The separated multimedia object is saved to a repository for subsequent use by a user. The user is enabled to select the object from the repository for use.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- 1.an apparatus for saving communicated multimedia objects to a repository
- 2.a system for saving communicated multimedia objects to a repository.

USE - Used for saving communicated multimedia objects which include a picture image, a non-picture image e.g. an emoticon, an audio file and /or video file to a repository.

ADVANTAGE - The method automatically saves the communicated multimedia objects to the repository for subsequent use by the user. The user can insert the saved object in other electronic messages e.g. electronic mails and instant messages and designate the object to be made available on a network, such as made available on a web page on the Internet.

DESCRIPTION OF DRAWINGS - The drawing shows a flow chart for handling a multimedia object associated with an electronic message.

Title Terms/Index Terms/Additional Words: COMMUNICATE; OBJECT; PICTURE; IMAGE; SAVE; METHOD; EMBED; ATTACH; SEPARATE; ELECTRONIC; MESSAGE; REPOSITORY; ENABLE; USER; SELECT

Class Codes

International Classification (Main): G06F-015/16
US Classification, Issued: 709206000

File Segment: EPI;

DWPI Class: T01; W04

Manual Codes (EPI/S-X): T01-J10C; T01-J30; W04-N05C3

...e.g. picture image saving method, involves saving embedded/attached multimedia object separated from electronic message to repository, and enabling user to select object from repository for use

Original Titles:

HANDLING A MULTIMEDIA OBJECT ASSOCIATED WITH AN ELECTRONIC MESSAGE

...

...Handling a multimedia object associated with an electronic message

...

...HANDLING A MULTIMEDIA OBJECT ASSOCIATED WITH AN ELECTRONIC MESSAGE

...

...MANIPULATION D'UN OBJET MULTIMEDIA ASSOCIE A UN MESSAGE ELECTRONIQUE

Alerting Abstract ...NOVELTY - The method involves identifying an embedded multimedia object or an attached multimedia object in response to a sent electronic message and a received electronic message. The

embedded multimedia object or the attached multimedia object is separated from the message . The separated multimedia object is saved to a repository for subsequent use by a user...

...saving communicated multimedia objects which include a picture image, a non-picture image e.g. an emoticon , an audio file and /or video file to a repository .

...

...ADVANTAGE - The method automatically saves the communicated multimedia objects to the repository for subsequent use by the user. The user can insert the saved object in other electronic messages e.g. electronic mails and instant messages and designate the object to be made available on a network, such as made available on a web page on the Internet...

...The drawing shows a flow chart for handling a multimedia object associated with an electronic message .

Title Terms.../Index Terms/Additional words: MESSAGE ;

Original Publication Data by Authority

Original Abstracts:

...multimedia objects to a repository for subsequent use includes in response to a sent electronic message and a received electronic message , identifying an embedded multimedia object or an attached multimedia object. The embedded multimedia object or the attached multimedia object is separated from the electronic message . The separated multimedia object is automatically saved to a repository for subsequent use by a user and the user...

...Automatically saving communicated multimedia objects to a repository for subsequent use (4A) includes in response to a sent electronic message and a received electronic message , identifying an embedded multimedia object or an attached multimedia object (410). The embedded multimedia object or the attached multimedia object is separated from the electronic message (420). The separated multimedia object is automatically saved to a repository for subsequent use by a user (430) and the user is able to...

...un organe d'archivage en vue d'une utilisation ultérieure consiste, en réponse à un message électronique reçu et à un message électronique envoyé, à identifier un objet multimedia intégré ou un objet multimedia annexe. L'objet multimedia intégré ou l'objet multimedia est séparé du message électronique et est sauvegardé automatiquement dans un organe d'archivage d'où il peut être extrait pour utilisation ultérieure par un utilisateur.

Claims:

...claimed is:1. A method of automatically saving communicated multimedia objects to a repository for subsequent use, the method comprising: in response to a sent electronic message and a received electronic message , identifying an embedded multimedia object or an attached multimedia object; separating the embedded multimedia object or the attached multimedia object from the electronic message ; automatically saving the separated multimedia object to a repository for subsequent use by a user; and enabling the user to select the multimedia object from the repository for...

...Basic Derwent Week: 2003WO-US0036798

0013583173 - Drawing available
WPI ACC NO: 2003-677839/ 200364
XRPX Acc No: N2003-541115

Electronic mail transmission device, recognizes character code string in e-mail text and reproduces attachment file by referring that file stored in memory

Patent Assignee: HAYASHI K (HAYA-I); SHARP KK (SHAF)

Inventor: HAYASHI K

Patent Family (3 patents, 2 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 20010054074	A1	20011220	US 2001800480	A	20010308	200364 B
JP 2002073507	A	20020312	JP 2001162034	A	20010530	200372 E
US 6816835	B2	20041109	US 2001800480	A	20010308	200474 E

Priority Applications (no., kind, date): US 2001800480 A 20010308; JP 2000179295 A 20000615

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20010054074	A1	EN	16	12	
JP 2002073507	A	JA	18		

Alerting Abstract US A1

NOVELTY - An electronic mail text and an attachment file are stored in a memory. A character code string is inserted in the electronic mail text, to designate the reproduction position of the attachment file. When the electronic mail device recognizes the character code string, it refers the attachment file stored in the memory and reproduces the file.

USE - For reproduction of audio / video data in files attached to electronic mail.

ADVANTAGE - Enables enjoying audio-visually reproducible electronic mail with easier operation. Refers an attachment music file and reproduces music data and automatically returns to reading the next phrase of mail text after completion of reproduction of music file.

DESCRIPTION OF DRAWINGS - The figure shows the flowchart depicting a procedure for reproducing a content of a received electronic mail prepared and transmitted by an electronic mail device.

Title Terms/Index Terms/Additional Words: ELECTRONIC; MAIL ; TRANSMISSION; DEVICE; RECOGNISE; CHARACTER; CODE; STRING; TEXT; REPRODUCE; ATTACH; FILE ; REFER; STORAGE; MEMORY

Class Codes

International Classification (Main): G06F-013/00, G06F-015/16, G10L-013/00 (Additional/Secondary): G06F-003/16

US Classification, Issued: 709206000, 709246000, 704260000, 704270000, 707101000

File Segment: EngPI; EPI;

DWPI Class: T01; P86

Manual Codes (EPI/S-X): T01-N01C; T01-N01D1

Electronic mail transmission device, recognizes character code string in e-mail text and reproduces attachment file by referring that file stored in memory

Original Titles:

ELECTRONIC MAIL SYSTEM AND ELECTRONIC MAIL DEVICE...

...Electronic mail system and device...

...Electronic mail system and device

Alerting Abstract ...NOVELTY - An electronic mail text and an attachment file are stored in a memory. A character code string is inserted

in the electronic mail text, to designate the reproduction position of the attachment file. When the electronic mail device recognizes the character code string, it refers the attachment file stored in the memory

... USE - For reproduction of audio / video data in files attached to electronic mail...

...ADVANTAGE - Enables enjoying audio-visually reproducible electronic mail with easier operation. Refers an attachment music file and reproduces music data and automatically returns to reading the next phrase of mail text after completion of reproduction of music file .

... figure shows the flowchart depicting a procedure for reproducing a content of a received electronic mail prepared and transmitted by an electronic mail device.

Title Terms.../Index Terms/Additional Words: MAIL ;

Original Publication Data by Authority

Original Abstracts:

Insertion of an attachment file identifying character code in a text of an electronic mail enables an electronic mail device to automatically reproduce (display) data from the attachment file during vocal reproduction of the text. When a text of a received electronic mail was selected and a vocal reproduction start key of the device was pressed, the device stores vocally readable text...

...vocally reproduce the text. On completion of reproduction of the textual portion of the electronic mail, the device automatically reproduces music data of the attached music file and image data of the attached image file referring to the corresponding files by detected reference codes .

...

...Insertion of an attachment file identifying character code in a text of an electronic mail enables an electronic mail device to automatically reproduce (display) data from the attachment file during vocal reproduction of the text. When a text of a received electronic mail was selected and a vocal reproduction start key of the device was pressed, the device stores vocally readable text data to be sent to...

...vocally reproduce the text. On completion of reproduction of the textual portion of the electronic mail, the device automatically reproduces music data of the attached music file and image data of the attached image file referring to the corresponding files by detected reference codes.

Claims:

1. An electronic mail device for an electronic mail text with an attachment file attached thereto, comprising: a memory for storing the electronic mail text and attachment file ; a display portion for displaying characters and images ; a speaker for reproducing the attachment file ; and a character code string for representing the attachment file , the character code string being inserted in the electronic mail text to designate where the attachment file should be reproduced; wherein when the electronic mail device recognizes the character code string in the electronic mail text, the electronic mail device refers to the attachment file in the memory and reproduces the attachment file .

...

...what is claimed is: 1. An electronic mail device for an electronic mail text with an attachment file attached thereto, comprising: a memory for storing the electronic mail text and attachment file; a display portion for displaying characters and images; a speaker or said display portion for reproducing the attachment file; and a character, a pictorial symbol or an icon for representing the attachment file, the character, the pictorial symbol or the icon being inserted in the electronic mail text to designate the timing when the attachment file should be reproduced, the inserted character, pictorial symbol or icon not representing a control program; wherein when the electronic mail device recognizes the character, the pictorial symbol or the icon inserted in the electronic mail text is detected, the electronic mail device discriminates the kind of the attachment file in the memory and reproduces the attachment file according to the result of the discrimination.

29/5,K/33 (Item 29 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0012326076 - Drawing available
 WPI ACC NO: 2002-267910/ 200231
 XRPX Acc No: N2002-208377

Segment sharing method for streaming video format over computer network e.g. attached to e-mail, posted on web page etc, using tags created by software modules in servers

Patent Assignee: BOISSIERE G (BOIS-I); DODGE C (DODG-I); LIWERANT G (LIWE-I); VIDEOSHARE INC (VIDE-N)

Inventor: BOISSIERE G; DODGE C; LIWERANT G

Patent Family (3 patents, 93 countries)

Patent Number	Kind	Date	Number	Kind	Date	Update
WO 2001067772	A2	20010913	WO 2001US7642	A	20010309	200231 B
AU 200145575	A	20010917	AU 200145575	A	20010309	200231 E
US 20020056123	A1	20020509	US 2000188082	P	20000309	200235 E
			US 2001803243	A	20010309	

Priority Applications (no., kind, date): US 2001803243 A 20010309; US 2000188082 P 20000309

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2001067772	A2	EN	85	11	

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW
 AU 200145575 A EN Based on OPI patent WO 2001067772
 US 20020056123 A1 EN Related to Provisional US 2000188082

Alerting Abstract WO A2

NOVELTY - An identification tag for the video segment attached to the video segment is created and stored under the control of the receiving computer in the streaming video format. The tag is returned to other computers and used to stream the video segment in the streaming video format over the network to the destination computer.

DESCRIPTION - The identifier has a selected image, file handle, storage location, address, URL, file name, interactive control, control object (Component Object Model). The software modules are resident in servers (21,30,40).

An INDEPENDENT CLAIM is also included for a computerized system for sharing video over a computer network.

USE - For streaming video format over computer network e.g. attached to e-mail , posted on web page etc.

ADVANTAGE - Users can post full motion video on a web page without detailed knowledge of required communication protocol.

DESCRIPTION OF DRAWINGS - The figure shows diagram of software modules resident on servers

- 21 Mail Server
- 30 Processing Server
- 40 Streaming Server

Title Terms/Index Terms/Additional Words: SEGMENT; SHARE; METHOD; STREAM; VIDEO; FORMAT; COMPUTER; NETWORK; ATTACH; MAIL ; POST; WEB; PAGE; TAG; SOFTWARE; MODULE; SERVE

Class Codes

International Classification (Main): H04N-007/173, H04N-007/24
US Classification, Issued: 725087000

File Segment: EPI;

DWPI Class: T01; W02; W04

Manual Codes (EPI/S-X): T01-N01D1B; W02-F09; W04-F01F; W04-P01

Segment sharing method for streaming video format over computer network e.g. attached to e-mail , posted on web page etc, using tags created by software modules in servers

Alerting Abstract ...NOVELTY - An identification tag for the video segment attached to the video segment is created and stored under the control of the...

DESCRIPTION - The identifier has a selected image , file handle, storage location, address, URL, file name, interactive control, control object (Component Object Model). The software modules are resident in servers...

...USE - For streaming video format over computer network e.g. attached to e-mail , posted on web page etc...

...21 Mail Server...

Title Terms.../Index Terms/Additional Words: MAIL ;

Original Publication Data by Authority

Original Abstracts:

...receiving computer assures that the video segment is in a streaming video format, and creates at least one identification tag for the video segment. The receiving computer also stores the video segment, and communicates the identification tag to another computer on the network. Upon subsequent receipt of that identification tag, the receiving computer streams the video segment to a destination computer on the network...

...The receiving computer assures that the video segment is in a streaming video format, and creates at least one identification tag for the video segment. The receiving computer also stores the video segment , and communicates the identification tag to another computer on the network. Upon subsequent receipt of that identification tag, the receiving computer streams the video segment to a destination...

...segment video se presente bien sous la forme d'une sequence continue et cree au moins une etiquette d' identification pour ce segment. De plus, il stocke le segment video et communique l' etiquette d' identification a un autre ordinateur au sein du reseau . A la reception de cette etiquette d'identification, ce second ordinateur recepteur transmet le segment video en continu a un ordinateur destinataire au sein du reseau.

Claims:

...the receiving computer the video segment sent over the computer network from one of the plurality of other computers; (b) performing automatically at the receiving computer, in response to a command received over the network, the steps...

...that the video segment is in a streaming video format; (b2) creating at least an identification tag for the video segment to identify the video segment; (b3) storing the video segment under the control of the receiving computer in the streaming video format; and (b4) returning the identification tag to the one of the plurality of other computers; (c) receiving the identification tag at the receiving computer; and (d) in response to the receipt of the identification tag at the receiving computer, streaming the video segment in the streaming video format over the network to the destination computer. ...

29/5,K/35 (Item 31 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0011232566 - Drawing available
WPI ACC NO: 2002-172039/ 200222
XRPX Acc No: N2002-130743

E-mail message transmission method through smart server system, involves replacing multimedia element in e-mail, with reference to its globally unique identifier

Patent Assignee: ADLER Y (ADLE-I); INCREDIMAIL LTD (INCR-N)

Inventor: ADLER Y

Patent Family (4 patents, 95 countries)

Patent Number	Kind	Date	Number	Application	Kind	Date	Update	
WO 2002008852	A2	20020131	WO 2001IL662		A	20010718	200222	B
AU 200178660	A	20020205	AU 200178660		A	20010718	200236	E
EP 1311929	A2	20030521	EP 2001956745		A	20010718	200334	E
			WO 2001IL662		A	20010718		
US 20040205133	A1	20041014	US 2000219385		P	20000719	200468	E
			WO 2001IL662		A	20010718		
			US 2003333512		A	20030415		

Priority Applications (no., kind, date): US 2003333512 A 20030415; US 2000219385 P 20000719

Patent Details

Number Kind Lan Pg Dwg Filing Notes
WO 2002008852 A2 EN 22 6

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW
AU 200178660 A EN Based on OPI patent WO 2002008852

EP 1311929 A2 EN PCT Application WO 2001IL662
Based on OPI patent WO 2002008852

Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR
US 20040205133 A1 EN Related to Provisional US 2000219385
PCT Application WO 2001IL662

Alerting Abstract WO A2
NOVELTY - Several multimedia elements each identified by a globally unique identifier, are embedded within an e-mail message. Each

multimedia element is replaced with a reference to its globally unique identifier, and the resulting e-mail is transmitted to an intended recipient. Each identifier is replaced with corresponding multimedia element during e-mail reception.

DESCRIPTION - An INDEPENDENT CLAIM is also included for e-mail transmitting system.

USE - For transmitting e-mail messages containing multimedia elements that include image files, sound files and digital business cards, through smart server systems.

ADVANTAGE - Allows for convenient indexing of multimedia elements according to the unique identifiers, that determine if a multimedia element resides on a recipient's local storage device. Hence obviates unnecessary transmission of those elements, and minimizes bandwidth and time used in the transfer of multimedia elements embedded in the e-mail message.

DESCRIPTION OF DRAWINGS - The figure shows a block diagram of multiple hardware and software components of smart server system.

Title Terms/Index Terms/Additional Words: MAIL ; MESSAGE ; TRANSMISSION; METHOD; THROUGH; SMART; SERVE; SYSTEM; REPLACE; ELEMENT; REFERENCE; UNIQUE; IDENTIFY

Class Codes

International Classification (Main): G06F, G06F-001/00, G06F-015/16
US Classification, Issued: 709206000

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-N01C; T01-N01D1; T01-N02A3B; T01-N02B1

E-mail message transmission method through smart server system, involves replacing multimedia element in e-mail, with reference to its globally unique identifier

Original Titles:

SYSTEM UND VERFAHREN ZUR INTELLIGENTEN UBERTRAGUNG VON IN E- MAIL -NACHRICHTEN EINGEBETTEM DIGITALEM INHALT...

...SYSTEM AND METHOD FOR INTELLIGENT TRANSMISSION OF DIGITAL CONTENT EMBEDDED IN ELECTRONIC MAIL MESSAGES

...

...SYSTEME ET PROCEDE DE TRANSMISSION INTELLIGENTE DE CONTENU NUMERIQUE INCLUS DANS DES MESSAGES DE COURRIER ELECTRONIQUE...

...System and method for intelligent transmission of digital content embedded in electronic mail messages

...

...SYSTEM AND METHOD FOR INTELLIGENT TRANSMISSION OF DIGITAL CONTENT EMBEDDED IN ELECTRONIC MAIL MESSAGES

...

...SYSTEME ET PROCEDE DE TRANSMISSION INTELLIGENTE DE CONTENU NUMERIQUE INCLUS DANS DES MESSAGES DE COURRIER ELECTRONIQUE

Alerting Abstract ...NOVELTY - Several multimedia elements each identified by a globally unique identifier, are embedded within an e-mail message. Each multimedia element is replaced with a reference to its globally unique identifier, and the resulting e-mail is transmitted to an intended recipient. Each identifier is replaced with corresponding multimedia element during e-mail reception. **DESCRIPTION** - An INDEPENDENT CLAIM is also included for e-mail transmitting system...

...USE - For transmitting e-mail messages containing multimedia elements that include image files, sound files and digital business cards, through smart server systems...

...ADVANTAGE - Allows for convenient indexing of multimedia elements according to the unique identifiers, that determine if a multimedia element resides on a recipient's local storage device. Hence obviates unnecessary transmission of those...

...minimizes bandwidth and time used in the transfer of multimedia elements embedded in the e-mail message .

Title Terms/Index Terms/Additional Words: MAIL ; ...

... MESSAGE ;

Original Publication Data by Authority

Original Abstracts:

The present invention discloses a method and system for transmitting electronic mail messages containing multimedia elements that reduces bandwidth usage and transmission time. The present invention comprises embedding one or more multimedia elements within an electronic mail message where each multimedia element is identified by a globally unique identifier. Each multimedia element contained within the electronic mail message is replaced with a reference to its globally unique identifier. The electronic mail message is transmitted to an intended recipient and the intended recipient replaces each globally unique identifier contained in the electronic mail message with the corresponding multimedia element upon receipt.

The method further comprises transmitting to a smart server a listing of the globally unique identifiers for each multimedia element contained within the electronic mail message, the smart server storing multimedia elements indexed by globally unique identifier, searching to identify globally unique identifiers contained in the transmitted listing that are stored on the smart server, and transmitting to the smart server all multimedia elements not identified by the search as being stored on the smart server. The multimedia elements are retrieved by the intended recipient from the smart server and each globally unique identifier contained in the electronic mail message is replaced with its corresponding multimedia element...

...The present invention discloses a method and system for transmitting electronic mail messages containing multimedia elements that reduces bandwidth usage and transmission time. The present invention comprises embedding one or more multimedia elements within an electronic mail message where each multimedia element is identified by a globally unique identifier. Each multimedia element contained within the electronic mail message is replaced with a reference to its globally unique identifier. The electronic mail message is transmitted to an intended recipient and the intended recipient replaces each globally unique identifier contained in the electronic mail message with the corresponding multimedia element upon receipt. The method further comprises transmitting to a smart server a listing of the globally unique identifiers for each multimedia element contained within the electronic mail message, the smart server storing multimedia elements indexed by globally unique identifier, searching to identify globally unique identifiers contained in the transmitted listing that are stored on the smart server, and transmitting to the smart server all multimedia elements not identified by the search as being stored on the smart server. The multimedia elements are retrieved by the intended recipient from the smart server and each globally unique identifier contained in the electronic mail message is replaced with its corresponding multimedia element.

...

...The present invention discloses a method and system for transmitting electronic mail messages containing multimedia elements that reduces bandwidth usage and transmission time. The present invention comprises embedding one or more multimedia elements within an electronic mail message where each multimedia element is identified by a globally unique identifier. Each multimedia element contained within the electronic mail message is replaced with a reference to its globally unique identifier. The electronic mail message is transmitted to an intended recipient and the intended recipient replaces each globally unique identifier contained in the electronic mail message with the corresponding multimedia element upon receipt. The method further comprises transmitting to a smart server a listing of the globally unique identifiers for each multimedia element contained within the electronic mail message, the smart server storing multimedia elements indexed by globally unique identifier, searching to identify globally unique identifiers contained in the transmitted listing that are stored on the smart server, and transmitting to the smart server all multimedia elements not identified by the search as being stored on the smart server. The multimedia elements are retrieved by the intended recipient from the smart server and each globally unique identifier contained in the electronic mail message is replaced with its corresponding multimedia element.

...

...La presente invention concerne un procede et un systeme de transmission de messages de courrier electronique (e-mail) contenant des elements multimedia reduisant l'utilisation de largeur de bande et le temps de transmission. La presente invention consiste a inclure un ou plusieurs elements multimedia a l'interieur d'un message de courrier electronique dans lequel chaque element multimedia est identifie par un identifiant mondialement unique. Chaque element multimedia contenu dans le message de courrier electronique est remplace par une reference a son identifiant mondialement unique. Le message de courrier electronique est transmis au destinataire voulu et le destinataire voulu remplace chaque identifiant mondialement unique contenu dans le message de courrier electronique par l'element multimedia correspondant lors de la reception. Le procede consiste egalement a transmettre a un serveur intelligent un listage des identifiants mondialement uniques pour chaque element multimedia contenu dans le message de courrier electronique, le serveur intelligent stockant des elements multimedia indexes par un identifiant mondialement unique, a chercher a identifier des identifiants mondialement uniques contenus dans le listage transmis lesquels sont stockes sur le serveur intelligent, et a transmettre au serveur intelligent tous les elements multimedia non identifies par la recherche comme etant stockes dans le serveur intelligent. Les elements multimedia sont extraits par le destinataire voulu du serveur intelligent et chaque identifiant mondialement unique contenu dans le message de courrier electronique est remplace par son element multimedia correspondant.

Claims:

What is claimed is: **1**. A method for transmitting electronic mail messages containing multimedia elements that reduces bandwidth usage and transmission time, the method comprising: embedding one or more multimedia elements within an electronic mail message, each multimedia element identified by a globally unique identifier; replacing each multimedia element contained within the electronic mail message with a reference to its globally unique identifier; transmitting the electronic mail message to an intended recipient; and replacing each globally unique identifier contained in the electronic mail message with the corresponding multimedia element upon receipt by the intended recipient. ...

...

File 347:JAPIO Dec 1976-2007/Jun(Updated 070926)
(c) 2007 JPO & JAPIO
File 348:EUROPEAN PATENTS 1978-2007/ 200742
(c) 2007 European Patent Office
File 349:PCT FULLTEXT 1979-2007/UB=20071004UT=20070927
(c) 2007 WIPO/Thomson
File 350:Derwent WPIX 1963-2007/UD=200767
(c) 2007 The Thomson Corporation

*Applicants
Patents*

Set Items Description
S1 115 AU=(TU E? OR TU, E?)
S2 5 AU=(NASON B? OR NASON, B?)
S3 117 S1:S2
S4 113915 ALBUM? OR PHOTOALBUM?
S5 246 S4(30N)MAIL???
S6 2 S3 AND S5

? t6/5/1

6/5/1 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2007 WIPO/Thomson. All rts. reserv.

01242924 **Image available**
SYSTEM AND METHOD FOR EFFECTIVELY PERFORMING A STREAMLINED PHOTO
DISTRIBUTION PROCEDURE
Système ET PROCEDE POUR EFFECTUER EFFICACEMENT UNE PROCEDURE DE
DISTRIBUTION DE PHOTOS RAPIDE

Patent Applicant/Assignee:

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107-0062, JP, JP (Residence), JP (Nationality), (For all designated
states except: US)

Patent Applicant/Inventor:

TU Edgar A , 919 E. Hillsdale Blvd., Foster City, CA 94404-2175, US, US
(Residence), US (Nationality), (Designated only for: US)
NASON Benbuck , 919 E. Hillsdale Blvd., Foster City, CA 94404-2175, US,
US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

KOERNER Gregory J (et al) (agent), Simon & Koerner LLP, Suite B, 10052
Pasadena Avenue, Cupertino, CA 95014, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 2005050516 A1 20050602 (WO 0550516)
Application: WO 2004US36400 20041103 (PCT/WO US04036400)
Priority Application: US 2003706157 20031112

Designated States:

(All protection types applied unless otherwise stated - for applications
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LU MC NL PL PT
RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class (v7): G06F-017/60

Publication Language: English

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Detailed Description

Claims

Fulltext Word Count: 11024

English Abstract

A system and method for effectively performing a streamlined photo

distribution procedure may include a photo data source that provides photo data to a source device in an electronic network. A source photo manager of the source device may be utilized to designate one or more message targets for receiving the photo data from the source device. A source mail program may access the photo data to automatically create a photo message that includes the photo data and photo identifier means to request special handling of the photo data. The source mail program may then automatically transmit the photo message over the electronic network to be downloaded by a target mail program of a target device corresponding to the foregoing designated message target. The target mail program may automatically detect the photo identifier means in the photo message, and may responsively provide the photo data to a target photo manager of the target device for automatic storage into a target photo album of the target device.

French Abstract

La presente invention concerne un systeme et un procede pour effectuer efficacement une procedure de distribution de photos rapide. Le systeme peut comprendre une source de donnees de photos qui fournit des donnees de photos a un dispositif source dans un reseau electronique. Un gestionnaire de photos de source du dispositif source peut etre utilise pour designer une ou plusieurs cibles de message pour recevoir les donnees de photos du dispositif source. Un programme de courrier de source peut acceder aux donnees de photos afin de creer automatiquement un message photo qui comprend les donnees de photos et des systemes d'identification de photo permettant de demander un traitement special des donnees de photos. Le programme de courrier de source peut ensuite transmettre automatiquement sur le reseau electronique le message photo a telecharger par un programme de courrier de cible d'un dispositif cible correspondant a la cible de message precedemment designee. Le programme de courrier de cible peut ensuite detecter automatiquement les systemes d'identification de photo dans le message photo et peut, en reponse, fournir les donnees de photos a un gestionnaire de photos de cible du dispositif cible afin de les stocker automatiquement dans un album de photos de cible du dispositif cible.

Legal Status (Type, Date, Text)

Publication 20050602 A1 with international search report.

Examination 20050728 Request for preliminary examination prior to expiration of applicable time limit under Rule 54bis.1(a)

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DIALOG(R)File 350:Derwent WPIX

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0015084006 - Drawing available

WPI ACC NO: 2005-433462/200544

XRXPX Acc No: N2005-351669

Streamlined photo distribution system in electronic network, automatically creates photo message with photo data and photo identifier to request special handling of photo data, and transmits photo message over network to target device

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Inventor: NASON B ; TU E A

Patent Family (2 patents, 106 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 20050114459	A1	20050526	US 2003706157	A	20031112	200544 B
WO 2005050516	A1	20050602	WO 2004US36400	A	20041103	200544 E

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Patent Details

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US 20050114459	A1	EN	22	10	
WO 2005050516	A1	EN			

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Regional Designated States,Original: AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IS IT KE LS LU MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW

Alerting Abstract US A1

NOVELTY - A photo source device utilizing a source mail program, automatically creates photo message with photo data and photo identifier to request special handling of the photo data, and transmits photo message over network to a designated target device. The target device utilizing a target mail program, downloads the message and detects the photo identifier to view of the photo data, and stores the data in the album .

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

1. streamlined photo distribution method; and
2. computer readable medium storing streamlined photo distribution program.

USE - For distributing streamlined photo captured using camcorder, digital camera, webcam device or cell phone with camera in electronic network such as internet.

ADVANTAGE - Enables performing streamlined photo distribution effectively.

DESCRIPTION OF DRAWINGS - The figure shows a flowchart explaining photo message transmission process.

Title Terms/Index Terms/Additional Words: STREAMLINED; PHOTO; DISTRIBUTE; SYSTEM; ELECTRONIC; NETWORK; AUTOMATIC; MESSAGE; DATA; IDENTIFY; REQUEST; SPECIAL; HANDLE; TRANSMIT; TARGET; DEVICE

Class Codes

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DWPI Class: T01; w02; w04

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